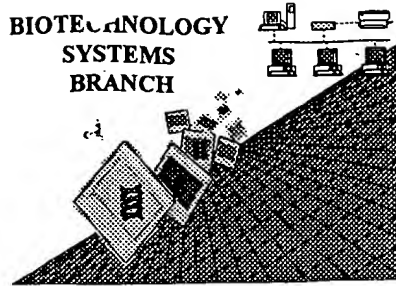


0810

BIOTECHNOLOGY
SYSTEMS
BRANCH



RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/917,800
Source: OPE
Date Processed by STIC: 8/7/2001

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: patin21help@uspto.gov or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: patin3help@uspto.gov or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 3.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/917,800

DATE: 08/07/2001

TIME: 14:01:48

Input Set : N:\COPIES\G15038us.txt

Output Set: N:\CRF3\08072001\I917800.raw

Does Not Comply
Corrected Diskette Needed

3 <110> APPLICANT: Mendrick, Donna
4 Porter, Mark
5 Johnson, Kory
6 Castle, Arthur
7 Elashoff, Michael
8 Gene Logic, Inc.
10 <120> TITLE OF INVENTION: Molecular Toxicology Modeling
12 <130> FILE REFERENCE: 44921-5038-US
14 <140> CURRENT APPLICATION NUMBER: US/09/917,800
15 <141> CURRENT FILING DATE: 2001-07-31
17 <150> PRIOR APPLICATION NUMBER: US 60/222,040
18 <151> PRIOR FILING DATE: 2000-07-31
20 <150> PRIOR APPLICATION NUMBER: US 60/222,880
21 <151> PRIOR FILING DATE: 2000-11-02
23 <150> PRIOR APPLICATION NUMBER: US 60/290,029
24 <151> PRIOR FILING DATE: 2001-05-11
26 <150> PRIOR APPLICATION NUMBER: US 60/290,645
27 <151> PRIOR FILING DATE: 2001-05-15
29 <150> PRIOR APPLICATION NUMBER: US 60/292,336
30 <151> PRIOR FILING DATE: 2001-05-22
32 <150> PRIOR APPLICATION NUMBER: US 60/295,798
33 <151> PRIOR FILING DATE: 2001-06-06
35 <150> PRIOR APPLICATION NUMBER: US 60/297,457
36 <151> PRIOR FILING DATE: 2001-06-13
38 <150> PRIOR APPLICATION NUMBER: US 60/298,884
39 <151> PRIOR FILING DATE: 2001-06-19
41 <150> PRIOR APPLICATION NUMBER: US 60/303,459
42 <151> PRIOR FILING DATE: 2001-07-09
E--> 44 <160> NUMBER OF SEQ ID NOS: 1739 1740 (P. 2)
46 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

9/9/7,800

2

<210> 1740
<211> 4828
<212> DNA
<213> Rattus norvegicus

last sequence in file

<220>
<223> Genbank Accession No. NM_022944

<400> 1740



Use of n and/or Xaa has been detected in the Sequence Listing.
Review the Sequence Listing to insure a corresponding
explanation is presented in the <220> to <223> fields of
each sequence using n or Xaa.

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/917,800

DATE: 08/07/2001

TIME: 14:01:57

Input Set : N:\COPIES\G15038us.txt

Output Set: N:\CRF3\08072001\I917800.raw

L:14 M:270 C: Current Application Number differs, Replaced Application Number
L:15 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:92 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:96 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3
L:113 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4
L:236 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10
L:259 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:11
L:286 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:12
L:311 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:313 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13
L:358 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15
L:381 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:16
L:410 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17
L:907 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42
L:1011 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47
L:1506 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73
L:1766 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86
L:2077 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:103
L:2103 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:104
L:2456 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:123
L:2858 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:2859 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144
L:3027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:153
L:3051 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154
L:3377 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:171
L:3453 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:175
L:3607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:183
L:3700 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:188
L:3933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:200
L:4115 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210
L:4196 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214
L:4321 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220
L:4521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:230
L:4561 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:232
L:4670 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237
L:4695 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238
L:4719 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239
L:4937 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250
L:5093 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258
L:5324 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270
L:5484 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279
L:5596 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285
L:5637 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:287
L:5679 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289
L:5775 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/917,800

DATE: 08/07/2001

TIME: 14:01:57

Input Set : N:\COPIES\G15038us.txt

Output Set: N:\CRF3\08072001\I917800.raw

L:5931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303

L:6151 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:315

L:6173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:316

L:6218 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:318

L:44 M:203 E: No. of Seq. differs, <160> Number Of Sequences:Input (1739) Counted (1740)